

SPFW

Docket No. END-5043 CIP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Mast, T. Douglas, et al.

Serial No. : 10/735,045

Art Unit: 3737

Filed : December 12, 2003

Examiner: Not Assigned

For : Method for Mapping Temperature Rise Using Pulse-Echo Ultrasound

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, PO Box 1450, Alexandria, VA 22313-1450 on

August 26 2004
(Date of Deposit)

Linda F. Hansen
(Name of applicant, person signing, assignee, or Registered Representative)

Linda F. Hansen
(Signature)

August 26 2004
(Date of Signature)

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This copy is supplemental to the Information Disclosure Statement mailed on December 12, 2003 and July 27, 2004.

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this

information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Statement in Accordance with §1.97(e)
(attached); or

☐ Please charge Deposit Account No. 10-
0750/ / the fee of \$180.00 as set forth
in §1.17(p).

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

- ☐ Statement in Accordance with \$1.97(e) (attached); or
- ☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in \$1.17(p).

☐ In accordance with \$1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under \$1.113 or a Notice of Allowance under \$1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with \$1.97(e) as set forth below and the fee of \$180.00 as set forth in \$1.17(p).

☒ Copies of each of the non-US patent references listed on the attached Form PTO-1449 are enclosed herewith.

☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

☒ There are no listed references which are not in the English language.

☐ The relevance of those listed references which are not in the English language is as follows:


☐ Attached are copies of the International Preliminary Examination Report from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

Copies of the references listed on the search report(s) are included except for those previously cited in an IDS mailed .

☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/END-5043 CIP2/VEK.

Respectfully submitted,


Verne E. Kreger, Jr.
35,231
Attorney for Applicants

Johnson & Johnson
One Johnson & Johnson Plaza
New Brunswick, NJ 08933-7003
(513) 337-3295
DATED: August 26, 2004



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	<i>Application Number</i>	10/735,045
	<i>Filing Date</i>	December 12, 2003
	<i>First Named Inventor</i>	T. Douglas Mast, et al.
	<i>Group Art Unit</i>	3737
	<i>Examiner Name</i>	Not Assigned
	<i>Attorney Docket Number</i>	END-5043 CIP2

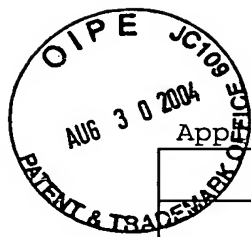
Sheet 1 of 6

U.S. PATENT DOCUMENTS

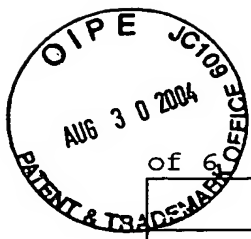
Examin er Initials	Cit e No 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Kind Code ² Number (if known)				
		Re33,590		Dory	5/21/1991	ALL
		4,315,514		Drewes et al.	2/16/1982	ALL
		4,323,077		Smith	4/6/1982	ALL
		4,484,569		Driller et al.	11/27/1984	ALL
		4,646,756		Watnough et al.	3/3/1987	ALL
		4,757,820		Itoh	7/19/1988	ALL
		4,787,394		Ogura	11/29/1988	ALL
		4,818,954		Flachenecker et al.	4/4/1989	ALL
		4,858,613		Fry et al.	8/22/1989	ALL
		4,932,414		Coleman et al.	6/12/1990	ALL
		4,951,653		Fry et al.	8/28/1990	ALL
		4,955,365		Fry et al.	9/11/1990	ALL
		4,955,366		Uchiyama et al.	9/11/1990	ALL
		4,960,107		Aida et al.	10/2/1990	ALL
		4,984,575		Uchiyama et al.	1/15/1991	ALL
		4,986,275		Ishida et al.	1/22/1991	ALL
		5,015,929		Cathignol et al.	5/14/1991	ALL
		5,036,855		Fry et al.	8/6/1991	ALL
		5,054,470		Fry et al.	10/8/1991	ALL
		5,065,740		Itoh	11/19/1991	ALL
		5,078,144		Sekino et al.	1/7/1992	ALL
		5,080,101		Dory	1/14/1992	ALL
		5,080,102		Dory	1/14/1992	ALL



	5,095,907	Kudo et al.	3/17/1992	ALL
	5,143,073	Dory	9/1/1992	ALL
	5,143,074	Dory	9/1/1992	ALL
	5,149,319	Unger	9/22/1992	ALL
	5,150,711	Dory	9/29/1992	ALL
	5,150,712	Dory	9/29/1992	ALL
	5,158,070	Dory	10/27/1992	ALL
	5,158,071	Umemura et al.	10/27/1992	ALL
	5,203,333	Nomura	4/20/1993	ALL
	5,209,221	Riedlinger	5/11/1993	ALL
	5,240,005	Viebach	8/31/1993	ALL
	5,295,484	Marcus et al.	3/22/1994	ALL
	5,304,115	Pflueger, Russell et al.	4/19/1994	ALL
	5,311,869	Okazaki	5/17/1994	ALL
	5,354,258	Dory	10/11/1994	ALL
	5,391,140	Schaetzle et al.	2/21/1995	ALL
	5,402,792	Kimura	4/4/1995	ALL
	5,409,002	Pell	4/25/1995	ALL
	5,431,663	Carter	7/11/1995	ALL
	5,435,304	Oppelt et al.	7/25/1995	ALL
	5,435,311	Umemura et al.	7/25/1995	ALL
	5,443,069	Schaetzle	8/22/1995	ALL
	5,448,994	Iinuma	9/12/1995	ALL
	5,471,988	Fujio et al.	12/5/1995	ALL
	5,474,071	Chapelon et al.	12/12/1995	ALL
	5,485,839	Aida et al.	1/23/1996	ALL
	5,520,188	Hennige et al.	5/28/1996	ALL
	5,522,869	Burdette et al.	6/4/1996	ALL
	5,524,620	Rosenschein	6/11/1996	ALL
	5,526,815	Granz et al.	6/18/1996	ALL
	5,526,822	Burbank et al	6/18/1996	ALL



	5,540,656	Pflueger et al.	7/30/1996	ALL
	5,545,195	Lennox et al.	8/13/1996	ALL
	5,549,638	Burdette	8/27/1996	ALL
	5,569,241	Edwards	10/29/1996	ALL
	5,571,088	Lennox et al.	11/5/1996	ALL
	5,573,497	Chapelon	11/12/1996	ALL
	5,575,772	Lennox	11/19/1996	ALL
	5,575,789	Bell et al.	11/19/1996	ALL
	5,582,588	Sakurai et al.	12/10/1996	ALL
	5,588,432	Crowley	12/31/1996	ALL
	5,590,657	Cain et al.	1/7/1997	ALL
	5,601,526	Chapelon et al.	2/11/1997	ALL
	5,620,479	Diederich	4/15/1997	ALL
	5,624,382	Oppelt et al.	4/29/1997	ALL
	5,628,743	Cimino	5/13/1997	ALL
	5,643,179	Fujimoto	7/1/1997	ALL
	5,649,547	Ritchart et al.	7/22/1997	ALL
	5,665,054	Dory	9/9/1997	ALL
	5,666,954	Chapelon et al.	9/16/1997	ALL
	5,676,692	Sanghvi et al.	10/14/1997	ALL
	5,687,729	Schaetzle	11/18/1997	ALL
	5,694,936	Fujimoto et al.	12/9/1997	ALL
	5,697,897	Buchholtz et al.	12/16/1997	ALL
	5,699,804	Rattner	12/23/1997	ALL
	5,703,922	Rattner	12/30/1997	ALL
	5,720,287	Chapelon et al.	2/24/1998	ALL
	5,722,411	Suzuki et al.	3/3/1998	ALL
	5,728,062	Briskin	3/17/1998	ALL
	5,733,315	Burdette et al.	3/31/1998	ALL
	5,735,280	Sherman et al.	4/7/1998	ALL
	5,735,796	Granz et al.	4/7/1998	ALL
	5,738,635	Chapelon et al.	4/14/1998	ALL
	5,743,862	Izumi	4/28/1998	ALL
	5,743,863	Chapelon	4/28/1998	ALL



	5,746,224	Edwards	5/5/1998	ALL
	5,759,162	Oppelt et al.	6/2/1998	ALL
	5,762,066	Law et al.	6/9/1998	ALL
	5,769,086	Ritchart et al.	6/23/1998	ALL
	5,769,790	Watkins et al.	6/23/1998	ALL
	5,788,636	Curley	8/4/1998	ALL
	5,800,379	Edwards	9/1/1998	ALL
	5,807,308	Edwards	9/15/1998	ALL
	5,817,021	Reichenberger	10/6/1998	ALL
	5,817,049	Edwards	10/6/1998	ALL
	5,820,580	Edwards et al.	10/13/1998	ALL
	5,823,962	Schaetzle et al.	10/20/1998	ALL
	5,836,896	Rosenschein	11/17/1998	ALL
	5,840,031	Crowley	11/24/1998	ALL
	5,860,974	Abele	1/19/1999	ALL
	5,873,828	Fujio et al.	2/23/1999	ALL
	5,873,845	Cline et al.	2/23/1999	ALL
	5,873,902	Sanghvi et al.	2/23/1999	ALL
	5,882,302	Driscoll, Jr. et al.	3/16/1999	ALL
	5,895,356	Andrus et al.	4/20/1999	ALL
	5,897,495	Aida et al.	4/27/1999	ALL
	5,928,169	Schatzle et al.	7/27/1999	ALL
	5,938,600	Van Vaals et al.	8/17/1999	ALL
	5,938,608	Bieger et al.	8/17/1999	ALL
	5,944,663	Kuth et al.	8/31/1999	ALL
	5,964,755	Edwards	10/12/1999	ALL
	5,984,881	Ishibashi et al.	11/16/1999	ALL
	5,984,882	Rosenschein et al.	11/16/1999	ALL
	5,993,389	Driscoll, Jr. et al.	11/30/1999	ALL
	6,004,269	Crowley et al.	12/21/1999	ALL
	6,007,499	Martin et al.	12/28/1999	ALL
	6,024,718	Chen et al.	2/15/2000	ALL
	6,024,740	Lesh et al.	2/15/2000	ALL



	6,039,689		Lizzi	3/21/2000	ALL
	6,042,556		Beach et al.	3/28/2000	ALL
	6,050,943		Slayton et al.	4/18/2000	ALL
	6,053,868		Vesely et al.	04/25/2000	ALL
	6,063,050		Manna et al.	05/16/2000	ALL
	6,066,123		Li et al.	5/23/2000	ALL
	6,071,238		Chapelon et al.	6/6/2000	ALL
	6,071,239		Cribbs et al.	6/6/2000	ALL
	6,083,159		Driscoll, Jr. et al.	7/4/2000	ALL
	6,086,535		Ishibashi et al.	7/11/2000	ALL
	6,088,613		Unger	7/11/2000	ALL
	6,106,517		Zupkas	8/22/2000	ALL
	6,113,558		Rosenschein et al.	9/5/2000	ALL
	6,117,101		Diederich et al.	9/12/2000	ALL
	6,135,971		Hutchinson et al.	10/24/2000	ALL
	6,193,709		Miyawaki et al.	02/27/2001	ALL
	6,210,330		Tepper	4/3/2001	ALL
	6,352,532		Kramer et al.	3/5/2002	ALL
	6,371,903		Blanc et al.	4/16/2002	ALL
	6,156,029		Mueller	12/05/2000	ALL
	6,159,207		Yoon	12/12/2000	ALL
	6,193,709		Miyawaki et al.	02/27/2001	ALL
	6,221,014	B1	Bauer	04/25/2001	ALL
	6,246,898		Vesely et al.	06/12/2001	ALL
	6,425,867	B1	Vaezy et al.	07/30/2002	ALL



FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	KindCode ⁵				
		JP	10-14967		Shimadzu Corp.	1/20/1998	ALL	
		WO	01/45550	A2	Therius Corporation	6/28/2001	ALL	
Examiner Signature						Date Considered		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if

possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.